

WE CLAIM:

1. An assaying device for in field urine analysis comprising:

a container means having an opening for collecting a urine sample;

a cover means for sealing said opening of said container means; and

an assay assembly provided in said container means for chemically analyzing said urine sample, said assay assembly comprising:

a liquid impermeable backing;

a wicking means provided on a rear surface of said backing;

at least one assay strip provided on a front surface of said backing and being in liquid transmittable contact with said wicking means adjacent a top edge of said backing;

a front cover means provided on said front surface of said backing for sealing said assay strip to said backing at a bottom and two sides of said assay strip; and

a rear cover means provided on said rear surface of said backing for together with said front cover means sealing said wicking means and said assay strip adjacent said top edge of said backing and two sides of said wicking means.

2. An assay assembly for chemically analyzing a urine sample, said assay assembly comprising:

a liquid impermeable backing;

a wicking means provided on a rear surface of said backing;

at least one assay strip provided on a front surface of said backing and being in liquid transmittable contact with said wicking means adjacent a top edge of said backing;

a front cover means provided on said front surface of said backing for sealing said assay strip to said backing at a bottom and two sides of said assay strip; and

a rear cover means provided on said rear surface of said backing for together with said front cover means sealing said wicking means and said assay strip adjacent said top edge of said backing top and two sides of said wicking means.

3. An assay assembly according to Claim 2, wherein said rear cover is injected molded and said backing and front and rear cover are made from resilient materials.

4. A method for in field urine analysis comprising the tests of:

introducing a urine sample into a container having an opening after removing a cover from said opening, said container further being provided with an assay assembly for chemically analyzing said urine sample, said assay assembly comprising:

a liquid impermeable backing;

a wicking means provided on a rear surface of said backing;

at least one assay strip provided on a front surface of said backing and being in liquid transmittable contact with said wicking means adjacent a top edge of said backing;

a front cover means provided on said front surface of said backing for sealing said assay strip to said backing at a bottom and two sides of said assay strips; and

a rear cover means provided on said rear surface of said backing for together with said front cover means sealing said wicking means and said assay strip adjacent said top edge of said backing and two sides of said wicking means;

placing the cover means back on the container means to seal the opening;

and

allowing the urine to wick up the wicking means and down the assay strip
to react with the assay strip.